

DARSHANA SUBHASH MADIVALARA



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[Darshan](#)



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CAREER OBJECTIVE

Motivated and **detail-oriented Software Engineer** with a strong academic background in **Information Science and Engineering**. **Proficient in Java** and **experienced in web development** using **React JS, HTML, CSS** and **JavaScript** Skilled in **development tools and technologies** and Possess a solid understanding of **Object-Oriented Programming (OOP)**, **Computer Networks (CN)**, and the **Software Development Life Cycle (SDLC)**.

EDUCATION

Bachelor of Engineering - Information and Science Engineering Visvesvaraya Technological University, Belagavi, 2025.

CGPA – 8

Relevant Coursework: Database Management, Web Programming, Data Structures, Computer Networks, Operating Systems.

TECHNICAL & PROFESSIONAL SKILLS

- **Programming Languages:** C, JAVA
- **Web Technologies:** React JS, JavaScript, HTML, CSS
- **Database:** MySQL
- **Concepts:** OOPS, SDCL, CN, OS
- **Software & Tools:** Excel, V S Code, Git, GitHub, Figma, Cursor
- **Professional Skills:** Problem Solving, Teamwork, Programming Proficiency, Time Management, and Adaptability.

PROJECTS

Solar Panel Health Monitoring Using IoT (*Final Year Project*)

Developed a **Solar Panel Health Monitoring** Using an **IoT**, monitor the health and efficiency of solar panels in real-time, Designed a setup integrating **sensors** for temperature, **voltage**, and **current tracking**, with data transmitted to a cloud-based dashboard, Using **Arduino, LCD display, solar panels, Wi-fi, server, temperature sensor**.

- **Technologies Used:** Arduino, C++, Wi-Fi Module, Solar Panels, IoT Protocols, Data Visualization Tools.
- **Features:** Automated Alerts & Notifications - Sends alerts when anomalies are detected, improving system reliability.

Hospital management system (*Mini Project*)

Designed and implemented modules for patient registration, **appointment scheduling, billing, and medical record management using HTML, CSS, and JavaScript**. Integrated secure data handling and optimized UI/UX for efficient navigation. **Utilized XAMPP for local development and testing**.

- **Technologies Used:** HTML, CSS, and JavaScript, Python.
- **Features:** Handles registration, appointment scheduling, and medical record updates,

Tic-Toc-Toe

Designed and implemented an interactive Tic-Tac-Toe game using JavaScript, HTML, and CSS. Developed logic for turn-based gameplay, win conditions, and dynamic UI updates and applying best practices in event handling and DOM manipulation.

- **Technologies Used:** HTML, CSS, JavaScript.

TRAINING AND CERTIFICATIONS

- “**Java Full Stack**” Internship training program in **Aitch Nu Global Technologies Pvt. Ltd.**
- “**AI-DevOps Engineer** ” On-the-job Training in **Aitch Nu Global Technologies Pvt. Ltd.**
- “**Developing Static Web page**” in association with **VOIS**.
- “**Python Programming with Application Projects & Solutions**” in association with **Aqmenz Automation Pvt. Ltd.**
- “**Innovation Project on Python & Machine Learning**” in association with **Aqmenz Automation Pvt. Ltd.**

HOBBIES AND INTERESTS

- Travel, sports, Listening Music, Photography, Watching crime series.

LANGUAGES

- Kannada, English, Hindi

